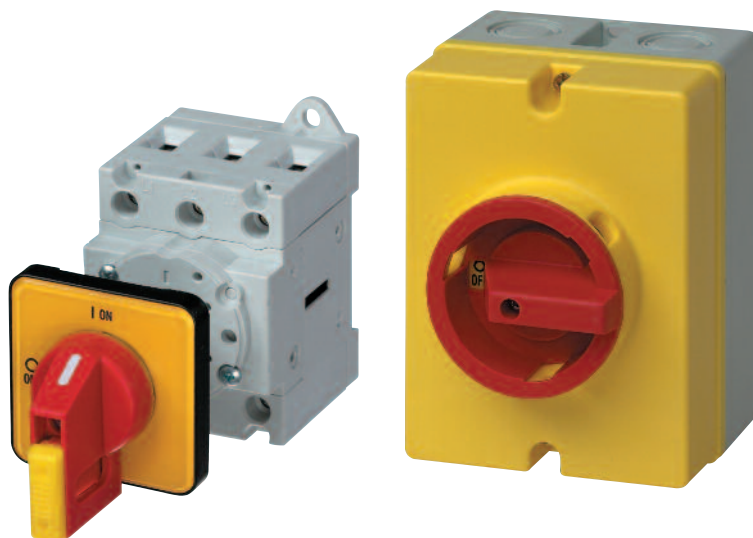


# Isolators 69 Series



- 3 and 4 pole
- On load 20A - 80A
- Red/yellow or black handles
- 3 padlock positions
- IP65
- Enclosed, DIN rail, base or panel mount versions
- Lightweight ext shafts 100-400mm
- Side mounted auxiliary contacts
- UL approval

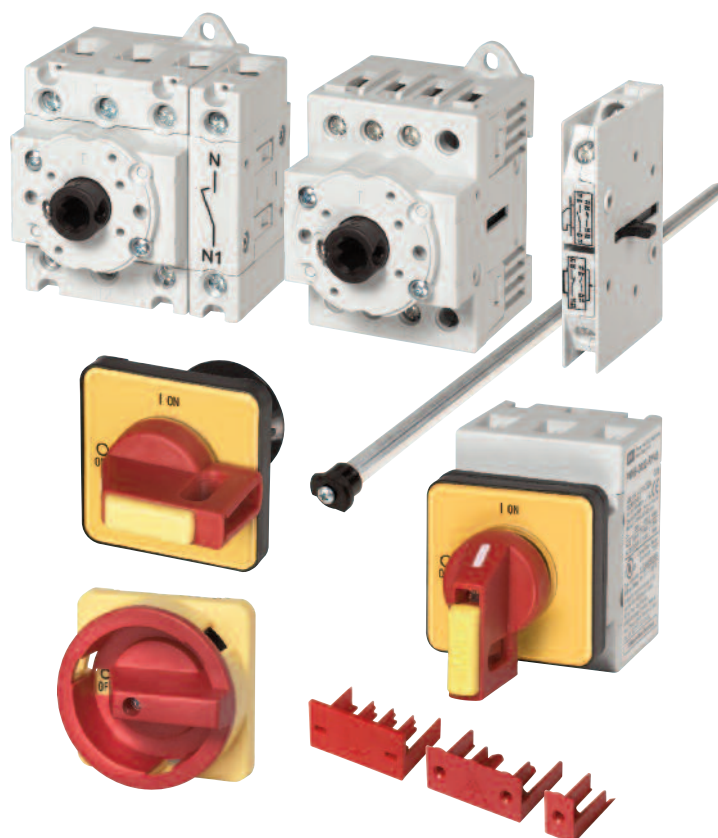


## Options and ordering codes

|                            |             |        |           |                      |             |             |                                    |  |
|----------------------------|-------------|--------|-----------|----------------------|-------------|-------------|------------------------------------|--|
| <b>PM69</b>                |             | -      | <b>30</b> |                      | <b>20</b>   |             | <b>RY64</b>                        |  |
| IP65 enclosed              | <b>PE69</b> | 3 pole | <b>30</b> | <b>Rating @ 400V</b> |             | <b>RY48</b> | Direct red/yellow 48mm handle      |  |
| Base mount door interlock  | <b>LB69</b> | 4 pole | <b>40</b> | AC21/Amps            | AC23/kW     | <b>RY64</b> | Direct red/yellow 64mm handle      |  |
| Front panel mount          | <b>PM69</b> |        |           | <b>20</b>            | <b>5.5</b>  | <b>B48</b>  | Direct black 48mm handle           |  |
| Direct handle base mounted | <b>DM69</b> |        |           | <b>25</b>            | <b>7.5</b>  | <b>B64</b>  | Direct black 64mm handle           |  |
|                            |             |        |           | <b>32</b>            | <b>11</b>   |             | Enclosed/door interlocked vertical |  |
|                            |             |        |           | <b>40</b>            | <b>15</b>   |             |                                    |  |
|                            |             |        |           | <b>63</b>            | <b>18.5</b> |             |                                    |  |
|                            |             |        |           | <b>80</b>            | <b>22</b>   |             |                                    |  |

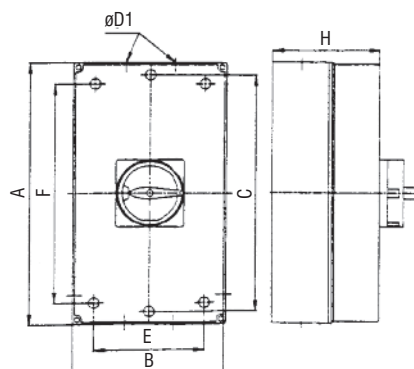
## Accessories

| Description                          | Part ref  |
|--------------------------------------|-----------|
| Red/yellow handle 64 x 64mm          | H69-0001  |
| Black handle 64 x 64mm               | H69-0002  |
| Red/yellow handle 48 x 48mm          | H69-0003  |
| Black handle 48 x 48mm               | H69-0004  |
| Door handle mounting tool            | J7409     |
| Extension shaft – 100mm              | E69-0001  |
| Extension shaft – 200mm              | E69-0002  |
| Extension shaft – 300mm              | E69-0003  |
| Extension shaft – 400mm              | E69-0004  |
| Auxiliary contacts 1 n/o + 1 n/c     | A69-0001  |
| Auxiliary contacts 2 n/o             | A69-0002  |
| Solid neutral block SN69-0001        |           |
| Add on neutral switching pole 20-40A | SP69-0001 |
| Add on neutral switching pole 63-80A | SP69-0002 |
| Yellow plate – main switch 64mm      | EP69-0001 |
| Yellow plate – main switch 48mm      | EP69-0002 |
| Auxiliary contacts 1 n/o + 1 n/c     | A69-0001  |
| Auxiliary contacts 2 n/o only        | A69-0002  |
| Terminal shroud - 40A                | TS69-0001 |
| Terminal shroud - 63, 80A            | TS69-0002 |



## Dimensions

| Switch Rating | A   | B   | D1                    | E  | F   | H  |
|---------------|-----|-----|-----------------------|----|-----|----|
| 20A to 40A    | 130 | 98  | 2xM20/25              | 75 | 100 | 77 |
| 63A and 80A   | 200 | 120 | M40.5/<br>32.5 + 16.5 | 95 | 165 | 86 |



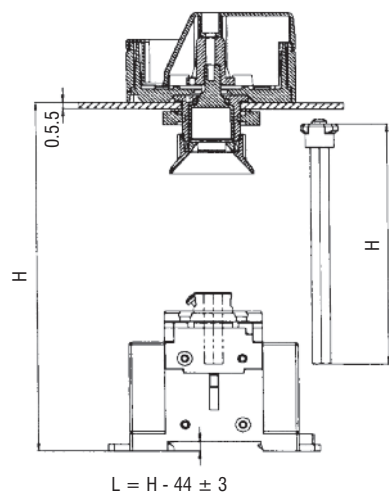
## Specification

| PE/LB/PM/DM ...              |                  | 69-3020<br>69-4020 | 69-3025<br>69-4025 | 69-3032<br>69-4032 | 69-3040<br>69-4040 | 69-3063<br>69-4063 | 69-3080<br>69-4080 |
|------------------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Rated insulation voltage     | Ui               | 690                | 690                | 690                | 690                | 690                | 6                  |
| Rated thermal current        | Ith              | 20A                | 25A                | 32A                | 40A                | 63A                | 80A                |
| Ratings @ 415V               |                  |                    |                    |                    |                    |                    |                    |
| AC21                         | A                | 20                 | 25                 | 32                 | 40                 | 63                 | 80                 |
| AC22                         | A                | 20                 | 25                 | 32                 | 40                 | 63                 | 80                 |
| AC23                         | Kw               | 5.5                | 7.5                | 11                 | 15                 | 18.5               | 22                 |
| Making capacity @ 415V       | Aeff             | 120                | 150                | 220                | 300                | 370                | 44                 |
| Breaking capacity @ 415V     | Aeff             | 110                | 135                | 200                | 250                | 330                | 380                |
| Electrical life @ rated load |                  |                    |                    |                    |                    |                    |                    |
| Mechanical life              | x10 <sup>3</sup> | 100                | 100                | 100                | 100                | 100                | 100                |
| Maximum cable size           | mm <sup>2</sup>  | 10                 | 10                 | 10                 | 10                 | 25                 | 25                 |
| Weight                       | g                | 0.46               | 0.46               | 0.46               | 0.46               | 0.46               | 0.46               |

## Dimensions

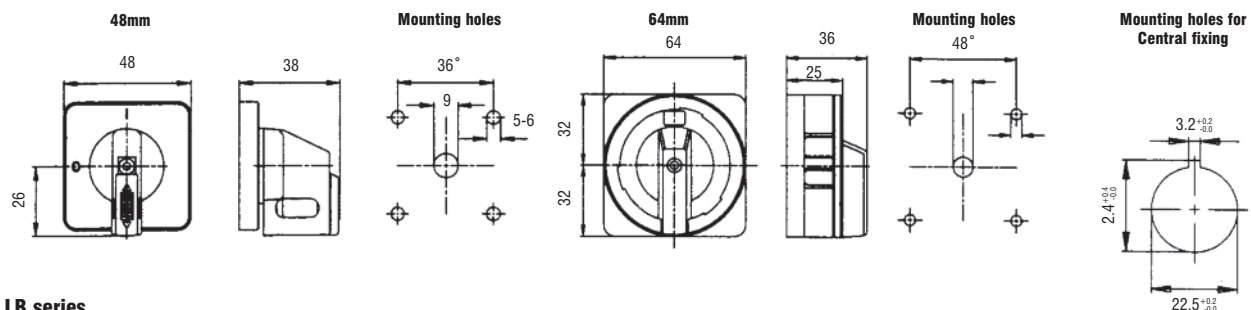
LB Series

H = Base plate to door, L = shaft length

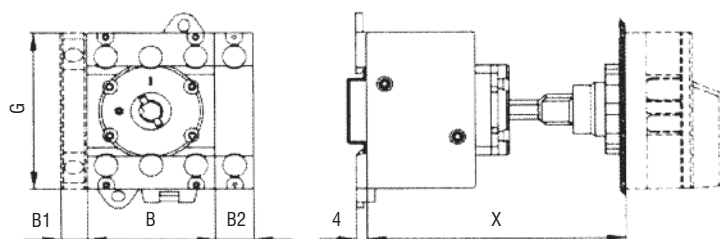


## Dimensions *continued*

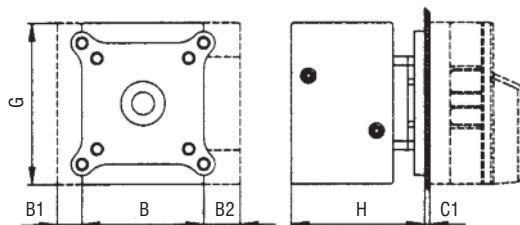
Door interlock levellers 48mm



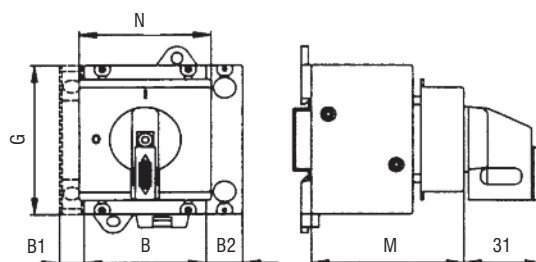
### LB series



### PM series



### DM series



|            | 3-pole | 4-pole | Auxiliary contacts | 4-pole PE |     |    |    |    |
|------------|--------|--------|--------------------|-----------|-----|----|----|----|
| Type       | B      | B      | B1                 | B2        | C1  | H  | M  | N  |
| 20A to 80A | 48     | 62.5   | 10                 | 14.5      | 1-5 | 54 | 60 | 52 |